

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

- 1.-23. (Cancelled).
24. (New) An isolated polynucleotide encoding a polypeptide comprising an amino acid sequence having at least about 95% sequence identity to the amino acid sequence of SEQ ID NO: 28.
25. (New) The isolated polynucleotide of claim 24, wherein the polypeptide comprises the amino acid sequence of SEQ ID NO: 28.
26. (New) The isolated polynucleotide of claim 24 comprising the polynucleotide sequence of SEQ ID NO: 57.
27. (New) The isolated polynucleotide of claim 24, wherein the polypeptide is a transmembrane protein.
28. (New) A recombinant polynucleotide comprising a promoter sequence operably linked to the polynucleotide of claim 24.
29. (New) An isolated cell transformed with the recombinant polynucleotide of claim 28.
30. (New) A method of producing the polypeptide encoded by the polynucleotide of claim 24, the method comprising:
 - a) culturing a cell under conditions suitable for expression of the polypeptide, wherein the cell is transformed with a recombinant polynucleotide, and the recombinant polynucleotide comprises a promoter sequence operably linked to the polynucleotide of claim 24, and
 - b) recovering the polypeptide so expressed.

31. (New) The method of claim 30, wherein the polypeptide comprises the amino acid sequence of SEQ ID NO: 28.

32. (New) The method of claim 30, wherein the polynucleotide comprises the polynucleotide sequence of SEQ ID NO: 57.

33. (New) An isolated polynucleotide comprising a polynucleotide sequence selected from the group consisting of:

- a) a polynucleotide sequence having at least about 95% sequence identity to a polynucleotide sequence of SEQ ID NO: 57, wherein the polynucleotide encodes a polypeptide that is a transmembrane protein;
- b) a polynucleotide sequence complementary to the polynucleotide sequence of a); and
- c) an RNA equivalent of the polynucleotide sequence of a) or b).

34. (New) The isolated polynucleotide of claim 33 comprising the polynucleotide sequence of SEQ ID NO: 57.